

Focus Area 15: Injury and Violence Prevention

Objective 15-29 targets an overall reduction in the drowning death rate to 0.7 per 100,000 population.

California's age-adjusted drowning death rates were 1.2 per 100,000 population in 2000 and 2001, 1.0 in 2002, and 1.1 in 2003 and 2004, with no significant change (Figure 15-29, Table 15-29). California's drowning death rates are higher than the HP2010 target of 0.7 per 100,000 population, and this objective has not yet been achieved.

Age-adjusted drowning death rates for males (1.6 per 100,000 in 2004) were significantly higher than those for females (0.5 per 100,000 in 2004), with no significant trend found between 2000-2004 for either gender. This HP2010 objective is being achieved for females, but not for males as of 2004.

Data by race and ethnicity show that the highest age-adjusted drowning death rates were found for Whites (1.2 per 100,000 in 2004) and Asians (1.2 per 100,000 in 2004), with no significant change. Drowning death rates for Hispanics/Latinos (0.8 per 100,000 in 2004, with a statistically significant decline in rates since 2000), and for African Americans/Blacks (0.9 per 100,000 in 2004), are close to the HP2010 target of 0.7 per 100,000. However, this objective is not yet being achieved for any of these racial or ethnic populations as of 2004. Drowning death rates for the American Indian/Alaska Native, Pacific Islander, and the "Multirace" populations were unreliable due to the small number of events and are not reported here, with the exception of zero deaths reported for Pacific Islanders in 2001 and 2002.

For more information on drownings in California, visit the Chronic Disease and Injury Control (CDIC) Web site at:

<http://www.dhs.ca.gov/ps/cdic/>

And the Epidemiology and Prevention for Injury Control (EPIC) site at:

<http://www.dhs.ca.gov/epic/>

For more information on Healthy People 2010 objective 15-29, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume2/15Injury.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od15.htm>

Figure 15-29
Drowning Death Rates
California, 2000-2004

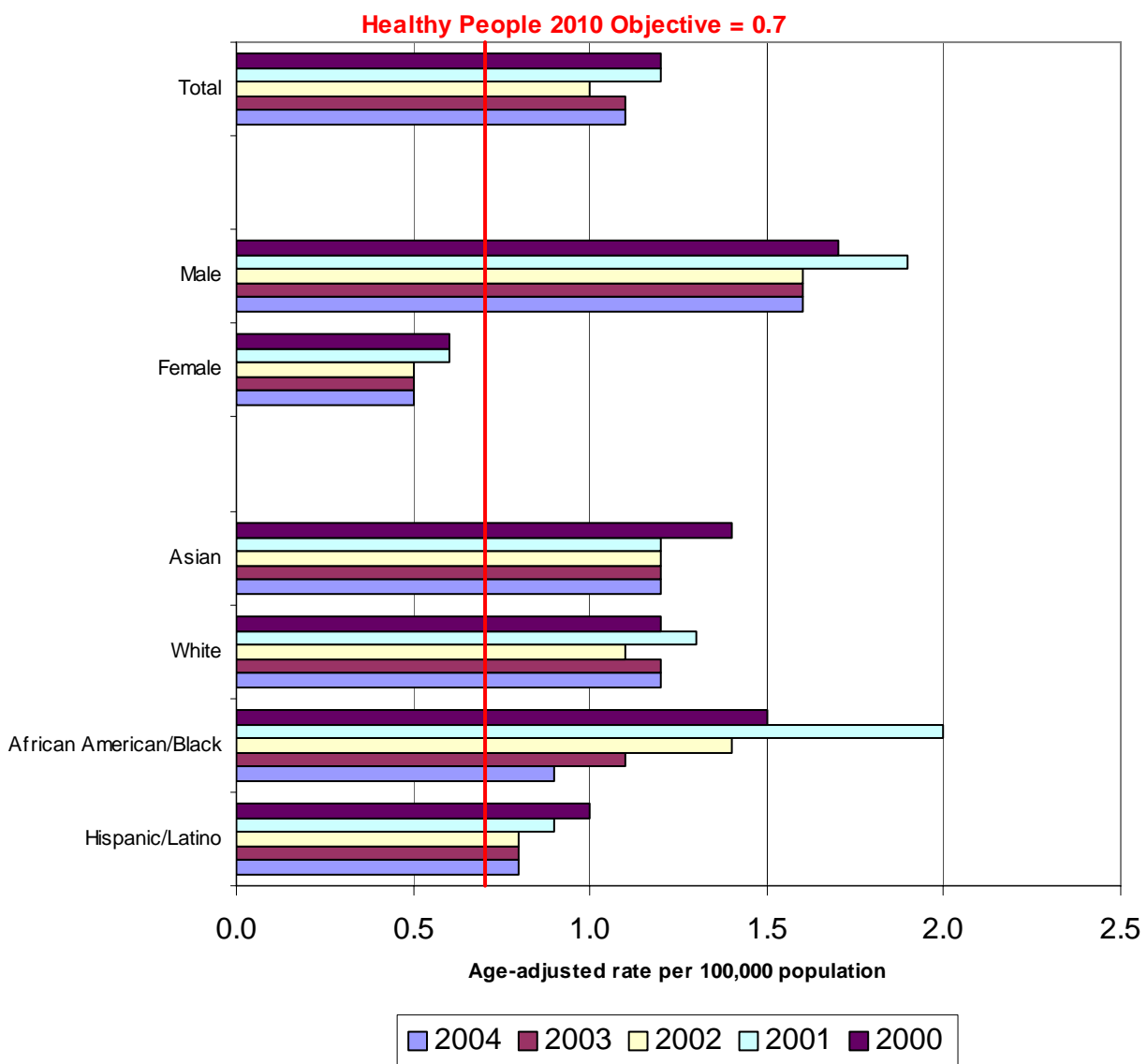


Table 15-29: Drowning Deaths and Death Rates, California 2000-2004

Objective 15-29	2000 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2001 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		0.7				0.7		
Statewide Total	394	1.2	1.0	1.3	420	1.2	1.1	1.3
Race-Ethnicity								
African American/Black	34	1.5	1.0	2.0	45	2.0	1.4	2.6
American Indian/Alaska Native	2	DSU	-----	-----	4	DSU	-----	-----
Asian	51	1.4	1.0	1.8	46	1.2	0.9	1.6
Hispanic/Latino	118	1.0	0.8	1.1	119	0.9	0.7	1.0
Pacific Islander	3	DSU	-----	-----	0	0.0	0.0	0.0
White	182	1.2	1.0	1.3	201	1.3	1.1	1.4
Multirace	4	DSU	-----	-----	4	DSU	-----	-----
Gender								
Female	108	0.6	0.5	0.8	100	0.6	0.5	0.7
Male	286	1.7	1.5	1.9	320	1.9	1.7	2.1

Objective 15-29	2002 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2003 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		0.7				0.7		
Statewide Total	368	1.0	0.9	1.2	374	1.1	1.0	1.2
Race-Ethnicity								
African American/Black	33	1.4	0.9	1.9	25	1.1	0.6	1.5
American Indian/Alaska Native	5	DSU	-----	-----	2	DSU	-----	-----
Asian	45	1.2	0.8	1.5	46	1.2	0.8	1.5
Hispanic/Latino	106	0.8	0.6	1.0	109	0.8	0.6	1.0
Pacific Islander	0	0.0	0.0	0.0	1	DSU	-----	-----
White	174	1.1	1.0	1.3	186	1.2	1.0	1.3
Multirace	5	DSU	-----	-----	4	DSU	-----	-----
Gender								
Female	82	0.5	0.4	0.6	86	0.5	0.4	0.6
Male	286	1.6	1.4	1.8	288	1.6	1.4	1.8

Objective 15-29	2004 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	5-year Trend	HP2010 Objective Being Achieved?
Healthy People 2010 Target		0.7				
Statewide Total	383	1.1	1.0	1.2	ns	No
Race-Ethnicity						
African American/Black	24	0.9	0.6	1.3	ns	Yes
American Indian/Alaska Native	2	DSU	-----	-----	n/a	Unk
Asian	46	1.2	0.8	1.5	ns	No
Hispanic/Latino	108	0.8	0.6	1.0	Sig. -	Yes
Pacific Islander	1	DSU	-----	-----	n/a	Unk
White	198	1.2	1.0	1.4	ns	No
Multirace	3	DSU	-----	-----	n/a	Unk
Gender						
Female	100	0.5	0.4	0.6	ns	Yes
Male	283	1.6	1.4	1.8	ns	No

SOURCES: CA Department of Health Services, Death Records, 2000-2004; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Drowning deaths defined by ICD-10 codes W65-W74, V92.

¹ Rate per 100,000 population, age-adjusted using the 2000 US population standard.

Sig. - Statistically significant decrease in age-adjusted death rates from 2000 to 2004.

ns No significant trend as measured by linear regression analysis; n/a Not applicable (fewer than five data points)

DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).